

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 10134740
PUBLICATION DATE : 22-05-98

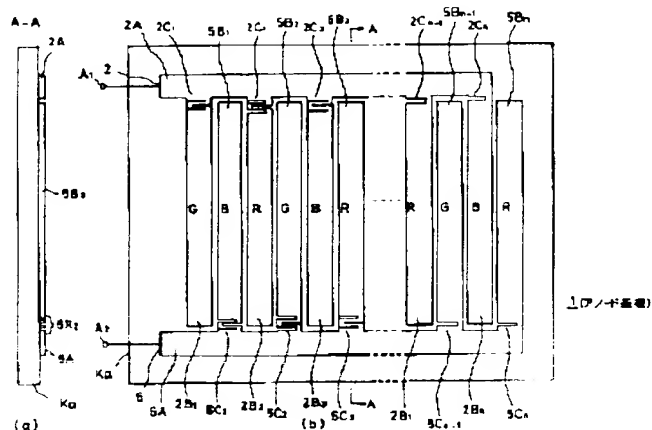
APPLICATION DATE : 30-10-96
APPLICATION NUMBER : 08303540

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INT.CL. : H01J 31/12 H01J 31/15

TITLE : FIELD EMISSION TYPE DISPLAY ELEMENT



ABSTRACT : PROBLEM TO BE SOLVED: To suppress micro discharging, enhance a voltage withstanding property, improve light emitting efficiency of a phosphor and reduce power consumption with high luminance by forming resistors having different resistances at leading-out portions of stripe electrodes.

SOLUTION: An anode voltage V_A is supplied to anode electrodes 2, 5 of conducting portions 2A, 5A via terminals A_1 , A_2 , respectively. Stripe electrodes $2B_1-2B_n$, $5B_1-5B_n$ are formed at the anode electrodes 2, 5, respectively. The stripe electrodes are patterned by photolithography in such a manner as to have a gap of $10\mu\text{m}$ or more therebetween so as to prevent color mixture at the time of light emission of a phosphor. Furthermore, resistors $2C_1-2C_n$, $5C_1-5C_n$ are formed at leading-out portions of the stripe electrodes, wherein different resistances are provided by varying the number of slits and the size of slit interval-s. Consequently, when micro discharging is generated between an anode substrate and a cathode substrate, an effective voltage can be decreased.

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